

FOR INFORMATION



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230
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Mr. Edmond J. Thomas
Chief, Office of Engineering and Technology
Federal Communications Commission
445 12th Street S.W.
Washington, DC 20554

ET Doc. No. 04-139

Re: Proposed Modification to US342

Dear Mr. Thomas:

Over the last two years, US342 has been modified in several Federal Communication Commission (FCC) proceedings. During these proceedings, there have been staff-to-staff discussions on possible changes to this footnote. As a result, it was decided that US342 should be reviewed to determine what bands should be included in US342 and what bands included in the footnote are used for spectral line observations. Based on review, the National Telecommunications and Information Administration (NTIA) has prepared a modified US342 to continue protection of radio astronomy (shown in the enclosure). The footnote has been revised to include the bands 42.77-42.87, 43.07-43.17, and 43.37-43.47 GHz to be consistent with international footnote 5.149 and to identify the bands that are used for spectral line observations.

I request that this proposed footnote be included in the next appropriate FCC proceeding. If you have any questions or comments, please contact NTIA's point-of-contact on this matter, Edward M. Davison at edavison@ntia.doc.gov or 202-482-5526.

Sincerely,

Fredrick R. Wentland
Associate Administrator
Office of Spectrum Management

Enclosure

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ENCLOSURE

US342 In making assignments to stations of other services to which the bands:

13360-13410 kHz	22.01-22.21 GHz*	111.8-114.25 GHz
25550-25670 kHz	22.21-22.5 GHz	128.33-128.59 GHz*
37.5-38.25 MHz	22.81-22.86 GHz*	129.23-129.49 GHz*
322-328.6 MHz*	23.07-23.12 GHz*	130-134 GHz
1330-1400 MHz*	31.2-31.3 GHz	136-148.5 GHz
1610.6-1613.8 MHz*	36.43-36.5 GHz*	151.5-158.5 GHz
1660-1660.5 MHz *	42.5-43.5 GHz	168.59-168.93 GHz*
1668.4-1670 MHz*	42.77-42.87 GHz*	171.11-171.45 GHz*
3260-3267 MHz*	43.07-43.17 GHz*	172.31-172.65 GHz*
3332-3339 MHz*	43.37-43.47 GHz*	173.52-173.85 GHz*
3345.8-3352.5 MHz*	48.94-49.04 GHz*	195.75-196.15 GHz*
4825-4835 MHz*	76-86 GHz	209-226 GHz
4950-4990 MHz	92-94 GHz	241-250 GHz
6650-6675.2 MHz*	94.1-100 GHz	252-275 GHz
14.47-14.5 GHz*	102-109.5 GHz	

are allocated (* indicates radio astronomy use for spectral line observations), all practicable steps shall be taken to protect the radio astronomy service from harmful interference. Emissions from spaceborne or airborne stations can be particularly serious sources of interference to the radio astronomy service (see Nos. 4.5 and 4.6 and Article 29 of the ITU Radio Regulations).